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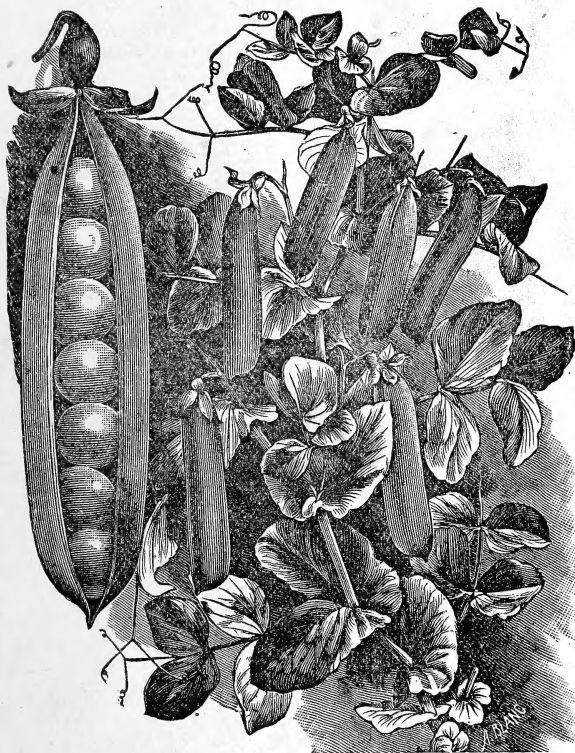
DEC 1 1898

BARNARD'S

SPRING EDITION

1900

Market Gardeners' Price List



OF

SEEDS

AND

Gardening

Tools



BARNARD'S LEADER PEA

EXCELS

ALL OTHERS IN EARLINESS,
UNIFORMITY IN
RIPENING, PRODUCTIVENESS.

W. W. BARNARD & CO.

SEEDSMEN

161-163 E. Kinzie Street
CHICAGO

We give no warranty, express or implied, as to description, quality, productiveness, or any other matter, of any Seeds we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.—W. W. BARNARD & CO.



SEED BUYING is largely a matter of confidence in the firm to whom the order is entrusted. For many years we have given closest attention to the wants of MARKET GARDENERS, supplying them with seeds of the *highest quality* and of those strains which are well known to produce the most perfect vegetables. **Cheaper seed than we offer means a poorer quality.** We assure you of seeds that are **fresh, pure and true to name**, and such that under proper conditions will give you a fair return for your money. On these claims we ask for your trade.

SIEBERT'S . . .

EARLY LIMA BEAN

A TRUE LIMA developed by the skilled labors of a market gardener, who selected the largest green beans from the thinnest and most easily-opened pods.

IN EARLINESS, EASE OF SHELLING, SIZE, BEAUTY and QUALITY

2 2 of the Green Beans this sort 2 2
IS FAR IN ADVANCE

of all others, and it is recognized as the best of all Limas for either the garden or for market.

The pods rarely contain more than four beans, but *the yield is enormous and continuous from first to last of the season.*

Qt., 30c; pk., \$2.00.

:: STRINGLESS :: Green Pod Bush Bean.

*Illustrated in Colors
on Back Cover.*

The Only Green Pod Bean that is Always Stringless.

THIS BEAN is undeniably one of the best ever sent out, and all the claims made for it when first introduced have proven to be correct.

Ready for Market . . .

TWO WEEKS EARLIER

Than Early Six Weeks.

It is of immense value to the market gardener as well as the amateur who seeks a superior quality for the home table.

The pods are long, straight, round and full, of a beautiful fleshy appearance. Plant is hardy and prolific. Try this grand Bean this year.

Qt., 30c; pk., \$2.25.

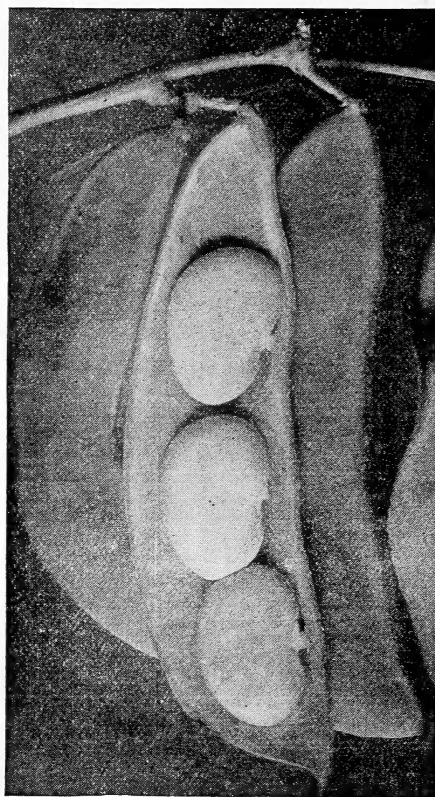
Mammoth White Cory Corn.

No other Early Sweet Corn can Compare with it in Size.

THE STALKS are no larger than those of the White Cob CORY, but each stalk furnishes two or more large, fine-shaped ears which are usable *before those of any other sort.*

The grain is white, the quality is good, and the twelve-rowed, attractive ears gives the variety ready sale in all markets.

The market gardener who plants this variety is sure to get the best trade. Qt., 20c; pk., 90c; bu., \$3.25.



SIEBERT'S EARLY LIMA BEAN.

GARDEN-MAKING . . .

*A book of reference and instruction for
the amateur as well as the skilled gardener.*

It is full of valuable suggestions for the utilizing of the home garden, whether that garden be a city backyard or an enclosure of acres. *Gives in simple language such information as every man or woman who buys a single packet of seed is in need of.* No modern American work exists which covers this important field. Garden-Making is profusely illustrated. Price, \$1.00, postpaid.

DETROIT.

Dark Red Turnip Beet

*The Most Desirable Extra Early Beet
for Planting Out of Doors.*

A FIRST CLASS variety for everyone and especially for market gardeners. It is of such compact growth that more marketable beets may be grown on a given area than any other.

**IT IS NOT ONLY BEAUTIFUL
AND GOOD, BUT EXCEED-
INGLY EARLY.**

The Beets are perfect turnip-shape with small tap roots. Quality the very best, tender and sweet.

**COLOR OF SKIN . . .
Dark Blood-red; Flesh Bright-
red, Zoned with a Lighter
Shade.**

¼ lb., 15c; lb., 45c

Early Crimson Beet.

Earlier than Egyptian.

COMBINED with its *extreme earliness* it has beautiful shape and rich crimson color to commend it. It has a small top, and coming in so early makes it a particularly desirable Beet to grow to sell in bunches.

**IT IS ALSO A VERY GOOD
VARIETY TO CULTIVATE
FOR THE FAMILY**

as it is sweet and tender. We want everyone who appreciates a Beet of superior quality to try this one.

¼ lb., 20c; lb., 65c.

EXTRA LONG EVERGREEN WHITE SPINE CUCUMBER

*Beautiful in Shape and Color
and of the finest Quality . . .*

A Entirely new and distinct sort developed through very careful selection, aiming to secure the best possible table cucumber. The vine is vigorous and productive and comes into full bearing earlier than the Bismarck. The fruit is long, cylindrical, dark green, with very white, crisp and tender flesh. An excellent sort for culture under glass. Oz., 5c; 2 oz., 10c; ¼ lb., 25c; lb., 75c.

...THE... Eureka

A NEW
EARLY
DWARF
FLAT...

CABBAGE

It has the unqualified endorsement of market gardeners wherever tried. 2222



...Some Opinions of It...

An Illinois Grower says: "Makes fine heads of large leaved Cabbage; best I ever tried."

This from Maryland: "Heads of Eureka are as hard as rock, and as early as Jersey Wakefield."

From Iowa comes: "Eureka is extremely early, sure to head and beats everything for solidity we ever saw, early or late."

A Trucker in N. Y. State says: "Have been raising garden truck about 40 years and have found no such early cabbage as Eureka."

...The EUREKA CABBAGE...

Was originated on Long Island, N. Y., by a specialist of established reputation, whose description of it is:—

"A Hybrid between 'EARLY WAKEFIELD' and 'SUCCESSION.' Dwarf, flat and general type of the latter, as early as the former, as hard as 'Danish Ballhead.'"

Its appearance can be seen from illustration above made from a photograph. Some leaves were removed to show the solid heads. Three Cabbages cover the top of a sugar barrel.

Testimonials of which a few extracts are herewith given prove this is an ideal Cabbage for every purpose, and it is with genuine pleasure we recommend it.

Pkt., 15c; oz., 40c; ¼ lb., \$1.25; lb., \$4.75.

BARNARD'S DANVERS :: IMPROVED CARROT

✿ Ours is the Market Gardener's Strain. ✿

IN and around Danvers, Mass. the growing of Onions and Carrots is carried on quite extensively. The truckers have by years of selection worked up the special strains which bear the name of Danvers.

The Danvers Carrot seed we offer is grown from carefully selected stock. They are rich, dark orange in color and handsome. This is a first-class carrot for any soil and an easy one to dig.

Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

HOLLAND CABBAGE

This is one of the hardest cabbages in cultivation and endures both frost and drought that would destroy other varieties.

Plants very hardy, rather long stemmed, but compact; the leaves are smooth, but thick; the head is of medium size, white, round and very solid, being

The hardest heading late cabbage we know of and of the very best quality.

Noted for its long keeping trait and for ready sales in spring market.

Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$3.00.

... BARNARD'S ...

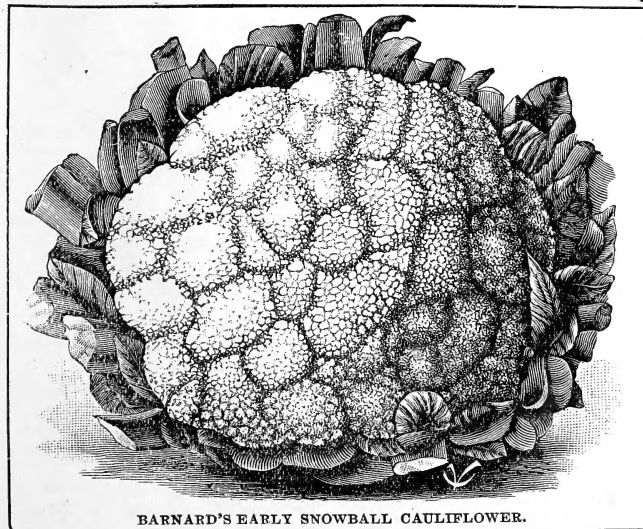
Early Snowball Cauliflower.

THERE is no vegetable where the quality of the seed has more to do with the success of the crop than in Cauliflower. It is one of the seeds in buying which the price should never be considered.

BARNARD'S EARLY SNOWBALL is a very early strain of Cauliflower. The plants are of dwarf, compact habit, almost every one will make a solid head of pure white color and finest table quality.

It has stood the test of years and stands unrivalled by any.

Pkt., 10c; ½ oz., \$1.35; oz., \$2.50; ¼ lb., \$7.50.



BARNARD'S EARLY SNOWBALL CAULIFLOWER.

4 SUPERIOR LETTUCE 2 2

WE can with the fullest confidence commend to every person who grows Lettuce the three very choice varieties described below. *NOT ONE OF THEM* will disappoint you in any particular.

Certain sections of the country are better adapted by climatic influences, (or perchance as the result of the skill of the cultivators), to produce a better quality of vegetables than others. Thus the extreme end of Long Island is noted for its Cauliflowers; the great Nebraska plains yield the highest types of Cucumbers, and the growing of Lettuce has been made more of a specialty in Grand Rapids than in any other locality in the United States with one possible exception.

...Grand Rapids Lettuce...

Of beautiful appearance and superior quality the GRAND RAPIDS LETTUCE brings the highest prices in almost every market. It is a forcing variety, strong grower, forms a loose head of yellowish green leaves, is remarkably free from rot and keeps crisp and tender without wilting when exposed for sale, longer than any other forcing Lettuce. It is also a desirable variety for early spring sowing in the open ground. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c.

CALIFORNIA CREAM BUTTER LETTUCE.

AS shown in the illustration this is a Cabbage Lettuce with round heads of good size, which are so very solid they often have to be cut before the seed stalk can appear. Extremely slow to run to seed.

Outside the heads are of a medium green, slightly marked with small, brown spots; within the leaves are of a very rich cream yellow color, most refreshing in appearance, and particularly rich and buttery to the taste. It is medium early and one of the best summer varieties of head lettuce we have ever seen. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c.

COS OR CELERY LETTUCE.

THE TRIANON Cos Lettuce is distinct from all others in having a *flavor all its own* and a *crispness and tenderness unapproached by any other*.

Cos Lettuce differs from the loose-leaved and cabbage sorts in having long, narrow, spoon-shaped leaves, which usually fold into loose sugar loaf shaped heads. They blanch better by having the outer leaves drawn about them and tied.

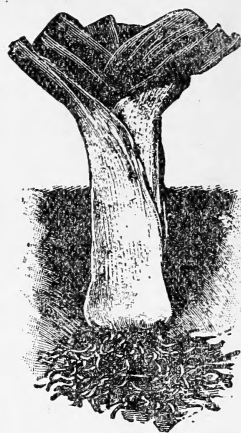
They are justly celebrated throughout Europe, and become more and more popular in this country. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c.

LEEK. Monstrous... Carenton.

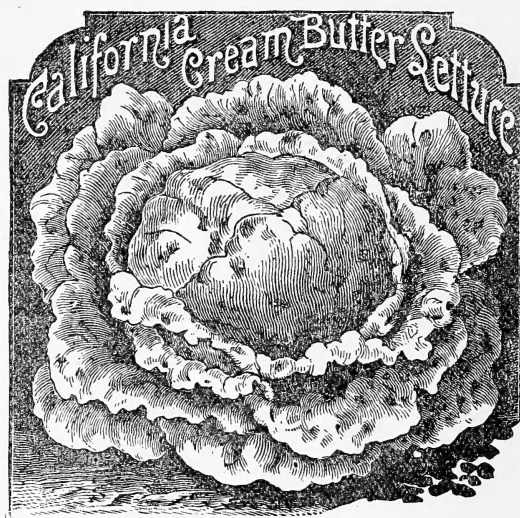
LEEKS belong to the onion family and by some people, especially Europeans, are much preferred to that vegetable as the pungent odor is not discernable.

The Scottish cottager would feel that his garden was incomplete were not a patch of three to four hundred leeks in cultivation. The MUSSELBURG Leek in its native home grows to a good size.

The MONSTROUS CARENTON, which we now list, is extremely hardy. Much larger than any other variety and of superior quality. Pkt., 5c; oz., 15c; ¼ b., 30c; lb., \$1.00.



CARENTON LEEK.



BIG BOSTON.

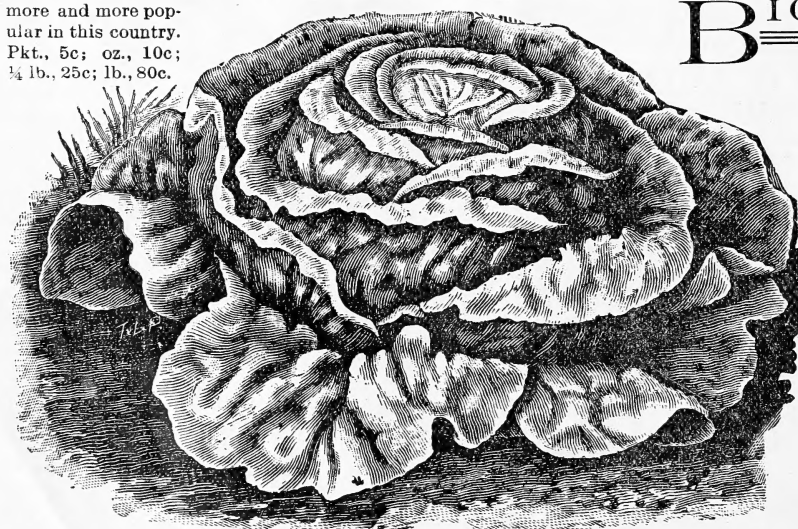
The Best Midseason
or
Summer Lettuce.

POPULAR with the market gardeners because it always produces large, salable heads. The amateur cultivator appreciates this Lettuce because of its crisp, tender quality at all seasons of the year.

It is about one week later than the well-known Boston Market, but double the size.

Most desirable either for forcing in cold frames or open ground planting

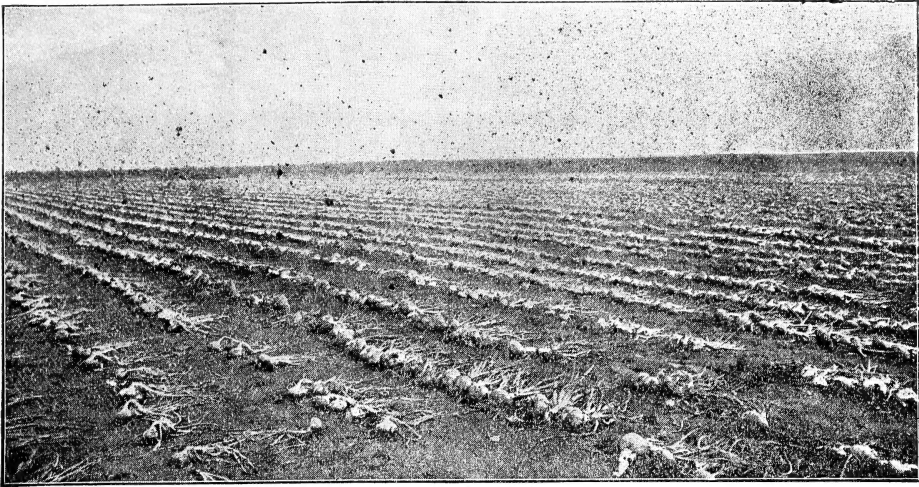
Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c



Barnard's Superior Mushroom Spawn. 2 2

and our reliable, fresh Spawn gives the planter every advantage. Prices on larger quantities quoted on application.

We at all times carry a stock of the highest grade ENGLISH MUSHROOM SPAWN, importing it direct three or four times a year. Mushrooms are a profitable crop when successfully grown. Not prepaid, lb., 10c; 25 lbs., \$2.00; 100 lbs., \$7.00.

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A Field of Yellow Globe Danvers Onions, Yielding at the Rate of 583 Bush. per Acre.

BARNARD'S SELECTED YELLOW GLOBE DANVERS ONION

..QUALITY..

FIRST EVERY TIME
IN ONION SEED...

It is of vital importance

and the only way

to insure a crop.

The Finest Strain in Cultivation. A Most Popular and Valuable Sort. It Produces the Kind of Onions which Command the Highest Price in Market.

THIS superior strain of **YELLOW GLOBE DANVERS ONION** represents all that can be obtained by painstaking selection and intelligent cultivation.

While it is suitable for and yields profitable crops on all classes of soil, it is especially good for muck land on account of its quick maturing qualities.

The firm, solid bulbs are all that can be desired in size and quality and excellent winter keepers. They are much sought after in all onion markets.

The onions from this strain of seed ripen early and all at once. They are

DISTINCT and ATTRACTIVE IN
SHAPE, HANDSOME, BRIGHT
EVEN COLOR; NECKS VERY
SMALL. 2 2 2 2 2 2 2 2

A conservative estimate of the yield per acre on well cultivated soil may be stated at 500 to 600 bushels from seed sown in the spring.

Having sold this strain of seeds for several years (chiefly to market gardeners), we can recommend it with the utmost confidence.

Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.35. Special Prices on Large Quantities.

EARLY...



RED GLOBE ONION...

A NEW and distinct variety, maturing as early as the **Extra Early Flat Red**, but of a beautiful globe shape, much rounder and handsomer than the ordinary Early Red Globe, as shown in our illustration; skin

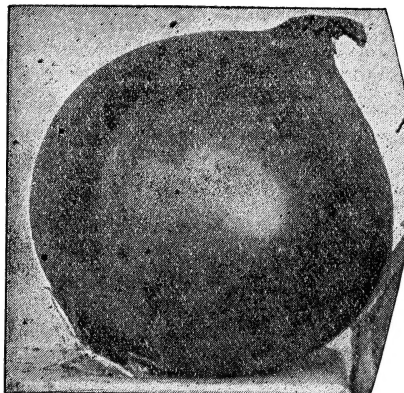
A Red
Onion
of Perfect
Globe Shape

deep red, flesh mild and tender, an excellent keeper. In bottoming and cropping qualities it is very superior, and very desirable for table or market use. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

SOUTHPORT

...LARGE RED GLOBE...

The onions from Southport, Conn., generally command an extra price in the markets, because of their beautiful shape and color. Spherical, with small neck, very deep rich red color, Pkt., 5c; oz., 20c; ¼ lb., 55c; lb., \$3.00.



EARLY RED GLOBE.

AN exceptionally early Red Onion that is worthy of more extensive cultivation.



When ordering this seed please state the name in full, thus: "EARLY RED GLOBE," to avoid errors.

Extra Early Long-Keeping

AUSTRALIAN BROWN ONION..

A Most Profitable Variety
for the Market Gardener...

WHILE this Onion has been introduced the short time of three years it has already proven one of the most valuable ever sent out.

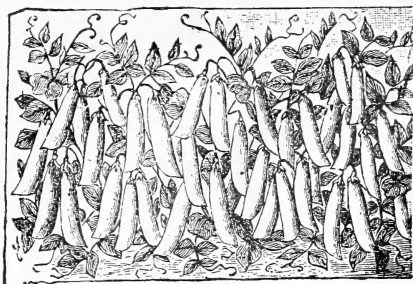
"THE AUSTRALIAN BROWN ONION is of medium size, wonderfully hard and solid, and

**Most Attractive
for Market. . . .**

both as to form and appearance. They are **extremely early** and **never** make any stiff necks or scallions."

The color of the skin is a clear amber brown, in marked contrast to that of all other onions.

Market gardeners who have tried this new onion speak of it in highest praises. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.60.



NOTT'S EXCELSIOR.

BARNARD'S LEADER. 30 in. It is absolutely the earliest of the earlies and is a prodigious yielder ripening with great uniformity. Pods of medium size, well filled with round, smooth peas of splendid flavor. Include this variety in your order, Qt., 25c; pk., 90c; bu., \$3.25.

NOTT'S EXCELSIOR. 15 in. The earliest and best dwarf wrinkled Pea. It is new and has come to stay. Outyields American Wonder to a large extent. The pods are longer, each one containing 6 to 8 large Peas. Qt., 25c; pk., \$1.25; bu., \$5.00.

4 DWARF PEAS

SELECTED FOR SUCCESSION.

TO BE ABLE to pick Peas for a continuous period it is necessary to make frequent sowings, or to plant on the same day a number of varieties which will succeed each other in being ready for table use.

Dwarf Peas require no brush or support of any kind. Of the four named below the first picking of Peas may be expected in 5 to 6 weeks.

DWARF TELEPHONE. 18 in.

Second early. Of dwarf, stocky growth, resembling the well known Tall Telephone in every way except that the vines are quite dwarf—18 to 24 inches. Pods about five inches long. Peas of largest size, light green and of delicious flavor.

Qt., 25c; pk., \$1.25.

HEROINE. 30 in. For quality this Pea has no rival. It produces most abundantly long, pointed pods, containing 8 to 9 large Peas, "fairly melting in your mouth for sweetness."

Qt., 20c; pk., \$1.00; bu., \$3.75.



BARNARD'S LEADER.

5 TALL . . . PEAS WHICH RIPEN IN CONTINUED ORDER.

To cultivate tall growing Peas successfully the young vines must be furnished with sticks or trellises to run upon. This involves some additional labor to the gardener, which, however, is amply compensated by the much greater productiveness of tall growing peas. The varieties named planted the same day will require under favorable conditions from 8 to 9 weeks until the first picking can be made for the table.

GRADUS

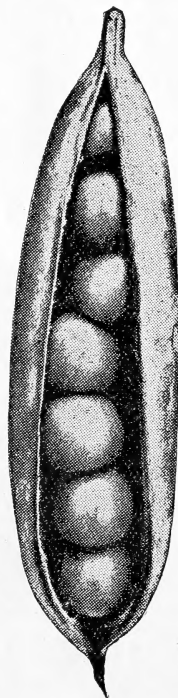
A new early and hardy wrinkled variety of the highest type of perfection; grows 2½ feet in height, is a vigorous grower; of light green color, pods and grain of very large size, closely resembling Telephone.

Our photograph alongside shows Gradus pod in natural size. The pods produce from 6 to 8 peas of enormous size, which when cooked retain their beautiful soft green color, and are sweet, rich and mellow. Pkt., 10c; pt., 50c; qt., 50c; pk., \$2.50.

SHROPSHIRE

HERO. 30 in. A much improved Yorkshire Hero, having longer and better filled pods. Peas green, wrinkled, of first quality. We recommend it.

Qt., 20c; pk., \$1.00; bu., \$3.75.



CHAMPION OF ENGLAND.

Telephone

50 in. Enormously productive and of the highest quality. A strong grower, averaging 18 pods to the stalk. The pods are quite long and are filled with large wrinkled peas. A desirable sort for family garden.

Qt., 25c; pk., \$1.00.

LONG ISLAND

MAMMOTH. 42 in.

Earlier than Champion of England. An excellent cropper. Pods large size and well filled with peas of excellent quality.

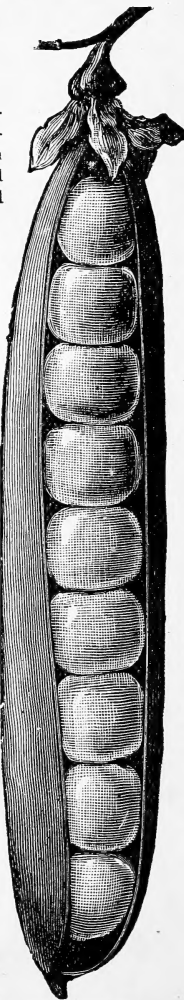
Qt., 25c; pk., \$1.00; bu., \$4.00.

CHAMPION OF

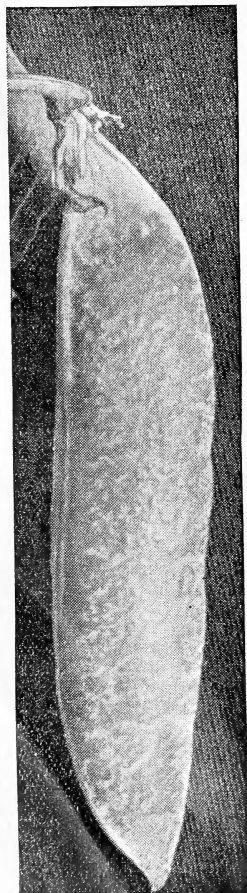
ENGLAND. 55 in.

Universally admitted to be one of the very best late peas. Pods medium in size abundantly produced. Peas wrinkled and very sugary.

Qt., 20c; pk., 80c; bu., \$3.00.



TELEPHONE.



EARLY GRADUS.



New, Improved ..PARSNIP..

"THE CHAMPION."

**MAKES FINER
SHAPED
ROOTS**

and of much better
Flavor than other
sorts. 2 2 2 2 2

In addition to the above
valuable improvements, it
has most excellent table
qualities.

**THE CHAMPION
PARSNIP. . .**

Makes a fine white, shapely
root of much more hand-
some appearance than the
ordinary Hollow Crown va-
riety. On the market it is
shapely and attractive.

It is destined to supplant
some of the older varieties
when better known. Pkt.,
5c; oz., 10c; ¼ lb., 20c; lb.,
50c.

• • Parsley • • CHAMPION MOSS CURLED.

A PRIZE WINNING English

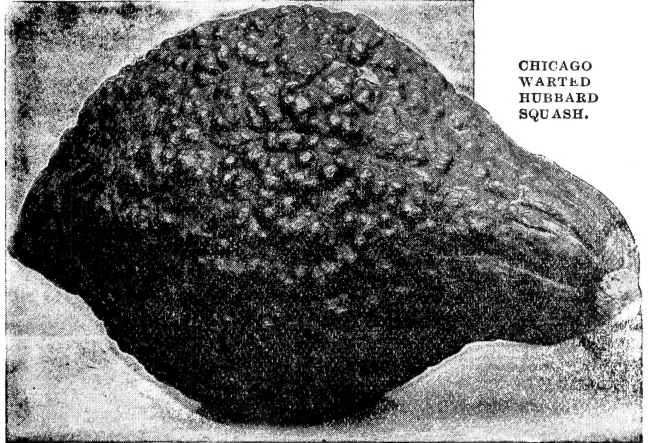
Parsley, in which all the best
points are combined. The plant
in appearance resembles a tuft of
green moss. The leaves are large,
beautifully curled and of a dark
green color. This parsley is slow
to run to seed, stands heat, cold
and drought better than any other
sort, and does well in open ground
or cultivated in frame. Pkt., 3c;
oz., 5c; ¼ lb., 15c; lb., 50c.

A Genuine Novelty RADISH

"TRIUMPH."

HAS Beautiful Scarlet Stripe
running around the fine,
white globe-shaped roots. . .

Its greatest value is for forcing
purposes, it being short-leaved
and of very quick growth, but it
also does well in the open ground.
We illustrate the TRIUMPH RAD-
ISH in colors on back cover. We
can only offer this variety in
packets this season. Pkt., 10c.



CHICAGO
WARTED
HUBBARD
SQUASH.

ORIGINALLY this new, distinct and most valuable
Squash was sent out under the name it still retains,
GOLDEN HUBBARD, and it is a trifle misleading be-
cause the skin is a *rich orange red* instead of the dark olive
green of the old, well-known Hubbard.
Golden . . . * *It ripens its fruit very early and uni-*
Hubbard . . . * *formly, and though maturing early*
SQUASH * *the Squashes are wonderful long*
* *keepers so they can be carried over*
* *for spring use. :: :: :: :: ::*

The shell is warty, hard and strong. Flesh deep orange,
rich in color, and in quality fully equal to the Hubbard.
Cooks very dry and fine grained. Oz., 10c; ¼ lb., 25c;
lb., 85c.

THIS is not a new introduction, but is proving so val-
uable a Squash that it is well worthy of the promi-
nent place we here give it.

This fine form of the Hubbard is a favorite one with
many market men.

Warted . . . * **Pure Dark Green**
Hubbard . . . * **and Warty....**

SQUASH * Our improved strain, produced by
constant and careful selection, pro-
duces Squashes of *uniform shape, dark green and warty*.
Such Squashes are the best quality and **bring the highest**
price in market. Seed saved from nothing but the best
squashes. Oz., 10c; ¼ lb., 20c; lb., 70c.

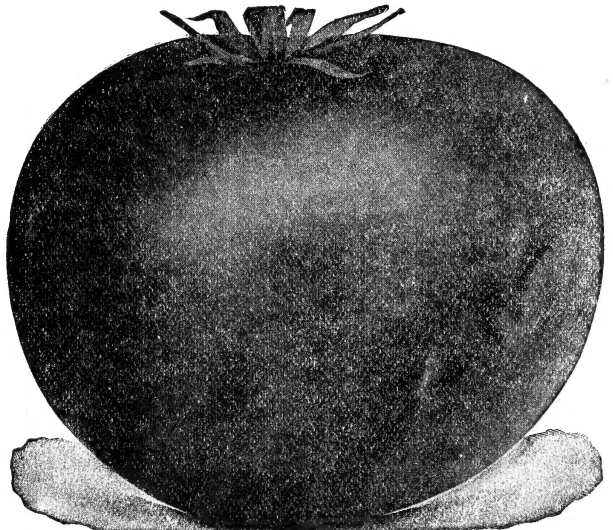
New Tomato FOR 1900. ...MAGNUS...

THIS very distinct and most promising new
variety of the color of BEAUTY and ACME
is the latest addition to the Tomato family.

It is *thicker, heavier and more solid* than any
other, making it easily the most handsome in
cultivation.

**CONTINUES IN BEARING ALL
SUMMER AND REMARKABLY
PRODUCTIVE.**

The form is perfect, uniform, large and attract-
ive. Flesh very firm. It is a robust grower,
with short joints. It is a heavy cropper. It is
especially adapted for shipping, and is remark-
ably fine for forcing indoors and out. Pkt., 10c.



MAGNUS TOMATO.

If wanted by mail, add 8 cents a pound. Peas, Beans and Corn, 15 cents a quart extra.

ASPARAGUS.

	Per oz.	Per lb.
Conover's Colossal.....	\$0.05	\$0.25
" " two-year-old roots, per 1,000.....	\$4.25	
Palmetto.....	.10	.35
" two-year-old roots, per 1,000,	\$5.00	
Columbian Mammoth White.....	.10	.45
" two-year-old roots, per 1,000,	\$8.00	

BEANS (DWARF OR BUSH)

	Per. qt.	Per pk.
Improved Red Valentine.....	\$0.25	\$2.00
Extra Early Refugee.....	.25	2.00
Refugee (1000 to 1).....	.25	2.00
Early Mohawk.....	.25	1.75
Early Long Yellow Six Weeks.....	.25	1.75
Dwarf Horticultural.....	.30	2.00
Large White Marrow.....	.25	1.50
White Kidney.....	.20	.90
Stringless Green Pod.....	.30	2.25
Boston Small Pea.....	.20	.80
Henderson's Bush Lima.....	.25	1.75
Burpee's Bush Lima.....	.30	2.00
Dreer's Bush Lima.....	.40	2.50

BEANS (WAX OR BUTTER).

Improved Golden Wax.....	.25	1.75
Improved Prolific Black Wax.....	.25	1.75
Challenge Black Wax.....	.25	1.75
Wardwell's Kidney Wax.....	.25	1.75
Refugee Wax.....	.25	1.75
Davis White Wax.....	.30	2.00
Curries' Rust Proof Golden Wax....	.30	2.00

BEANS (POLE).

Siebert's Early Lima.....	.30	2.00
King of Garden Lima.....	.25	1.75
Large White Lima.....	.25	1.75
Extra Early Lima.....	.25	1.75
Kentucky Wonder.....	.35	2.50
Ford's Mammoth Podded Lima.....	.30	2.00
Dutch Case Knife.....	.25	1.30
Lazywife.....	.35	2.50

BEETS.

	Per ¼ lb.	Per lb.
Extra Early Crimson Globe, new	\$0.20	\$0.65
Dirigo.....	.15	.50
Crosby's Egyptian.....	.15	.50
An extra early beet of fine form and dark blood-red color which has proven itself superior to all other sorts for early market or for bunching.		
Dark Red Egyptian.....	.15	.35

BEETS.--Continued.

	Per ¼ lb.	Per lb.
Barnard's Selected Edmands.....	\$0.15	\$0.50
An improved type of the Edmand's selected for form, smoothness, and its dark color. Has proven to be the best beet for fall and winter market yet introduced in the vicinity of Chicago.		
Edmand's Blood Turnip.....	.15	.40
Early Blood Turnip.....	.15	.30
Dewing's Blood Turnip.....	.15	.35
Extra Early Eclipse.....	.15	.40
Long Dark Blood.....	.15	.30
Half Long Blood.....	.15	.45
Detroit Dark Red.....	.15	.45

BEET FOR CATTLE.

White French Sugar.....	.10	.20
New Monarch Mangel Wurzel.....	.10	.30
Mammoth Long Red Mangel Wurzel	.10	.25
Norbiton Giant.....	.10	.25
Prize Champion Yellow Globe.....	.10	.25
Golden Tankard.....	.10	.25

BORECOLE, OR KALE.

	Per oz.	Per ¼ lb.	Per lb.
Dwarf German Green.....	\$0.10	\$0.20	\$0.60
Green Curled Scotch.....	.10	.20	.60

BROCCOLI.

Early Purple Cape.....	.30	.80	3.00
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BRUSSELS SPROUTS.

Finest Imported.....	.15	.30	1.00
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CABBAGE.

Extra Early Express.....	.15	.35	1.35
Early Jersey Wakefield Select Stock.....	.30	.85	3.00
Earliness, uniformity of growth and solidity are the chief points of excellence of our strain of this cabbage. To growers of cabbage we recommend it, knowing it will prove a Money-Maker.			
Allhead Early.....	.25	.70	2.25
Early Winingstadt.....	.15	.45	1.50
Early Summer.....	.20	.50	1.75
Surehead.....	.20	.50	1.75
All Seasons.....	.15	.45	1.50
Chicago Market.....	.25	.75	3.00
Vandergaw.....	.20	.50	1.75
Fottler's Brunswick.....	.15	.35	1.25
Hollander.....	.25	.75	3.00
Large Late Flat Dutch.....	.15	.50	1.75

If wanted by mail, add 8 cents a pound. Peas, Beans, and Corn, 15 cents a quart extra.

CABBAGE--Continued.

	Per oz.	Per ¼ lb.	Per lb.
Large Late Drumhead.....	\$0.15	\$0.50	\$1.75
Bridgeport Drumhead.....	.25	.75	3.00
Luxemburg.....	.20	.60	2.25
Autumn King.....	.25	.75	3.00
Charleston Large Wakefield	.30	1.00	3.25
The Lupton.....	.20	.60	2.00
Danish Ballhead.....	.25	.75	3.00

This is the acme of perfection in a late fall or winter cabbage. Is of excellent quality, a big cropper and always commands a larger price than any other sort.

Blood Red Dutch Pickling	.15	.35	1.35
Mammoth Red Rock Drumhead.....	.25	.70	2.50
Drumhead Savoy.....	.15	.50	2.00
Dwarf Ulm Savoy.....	.15	.50	2.00

CAULIFLOWER.

	Per pkt.	Per oz.	Per ¼ lb.
Earliest Dwarf Erfurt, ½ oz.	\$1.25	\$0.25	\$5.00
Extra Early Dwarf Erfurt....	.10	2.00	\$7.00
Large Erfurt.....	.05	.75	2.50
Barnard's Early Snowball.....	.10	2.50	7.50
Extra Early Paris.....	.05	.60	2.00
Veitch's Autumn Giant.....	.05	.50	1.75
The Denmark.....	.05	2.25	7.50

CARROT.

	Per ¼ lb.	Per lb.
New Chantenay.....	\$0.20	\$0.60

An early stump rooted variety for bunching. A favorite not only for this purpose but also as a fall or winter sort, being of good size, color and quality.

Early Scarlet Short Horn.....	.20	.60
Scarlet Nantes Half Long, stump rooted..	.20	.60
Guerande, Half Long (Oxheart).....	.20	.60
Danvers.....	.20	.60
Barnards' Improved Danvers.....	.25	.75
Long Orange, Improved.....	.15	.50
Large White Belgian.....	.15	.40
St. Vallery or Scarlet Intermediate..	.20	.60

CELERY.

	Per oz.	Per ¼ lb.	Per lb.
White Plume.....	\$0.15	\$0.50	\$1.75
Perfection Heartwell.....	.15	.40	1.50
Giant Golden Heart.....	.20	.55	2.00
Giant Pascal.....	.15	.45	1.65
Dwarf Golden Heart.....	.15	.40	1.50
Crawford's Half Dwarf.....	.15	.40	1.50
Boston Market.....	.15	.40	1.50
Golden Self-Blanching.....	.25	.75	2.75
Giant White Solid.....	.15	.40	1.25
New Rose.....	.20	.50	1.75
Evans' Triumph.....	.25	.75	2.75

CELERIAC.

	Per oz.	Per ¼ lb.	Per lb.
Extra Large Erfurt.....	\$0.15	\$0.40	\$1.25
Large Smooth Prague.....	.15	.40	1.25
Barnard's Giant.....	.25	.75	3.00

CORN (SWEET.)

	Per qt.	Per pk.	Per bu.
Cory, Red.....	0.20	\$0.75	\$2.75
Cory, White.....	.20	.90	3.25
Early Minnesota.....	.20	.70	2.50
Mammoth White Cory.....	.20	1.00	3.50
Crosby's Early.....	.20	.70	2.50
Perry's Hybrid.....	.20	.70	2.50
Chicago Market.....	.20	.75	3.00
Old Colony.....	.20	.65	2.50
Black Mexican.....	.20	.70	2.50
Egyptian.....	.20	.70	2.50
Country Gentlemen.....	.20	.75	3.00
Stowell's Evergreen.....	.20	.70	2.50
Mammoth Late.....	.20	.70	2.50
Hickox Improved.....	.20	.70	2.50
Zig Zag Evergreen.....	.20	.70	2.50
Early Champion.....	.20	.75	3.00

CORN SALAD.

	Per oz.	Per ¼ lb.	Per lb.
Large Seeded.....	0.07	\$0.15	\$0.50

CRESS OR PEPPERGRASS.

Double Curled.....	.05	.10	.30
Water.....	.30	.90	3.50

CUCUMBER.

Evergreen White Spine.....	.05	.15	.40
Arlington White Spine.....	.05	.15	.40
Chicago Pickle.....	.05	.15	.40
Early Frame.....	.05	.15	.40
Early Green Cluster.....	.05	.15	.40
Extra Early Green Prolific.....	.05	.15	.40
Improved Long Green.....	.05	.15	.45
Early Russian.....	.05	.15	.40
Boston Pickling.....	.05	.15	.40
Nichols' Medium Green.....	.05	.15	.50
Cool and Crisp.....	.05	.15	.50
Siberian.....	.05	.15	.50
Telegraph for forcing Pkt. 10c.			
Jersey Pickle.....	.05	.15	.50
Bismark.....	.05	.15	.50

EGG PLANT.

Long Purple.....	.20	.55	2.00
New York Improved Purple			
Spineless Strain.....	.25	.75	2.75
Black Pekin.....	.25	.75	2.75

If wanted by mail, add 8 cents a pound. Peas, Beans, and Corn, 15 cents a quart extra.

ENDIVE.

	Per oz.	Per ¼ lb.	Per lb.
Batavian	\$0.15	\$0.35	\$1.25
Green Moss Curled.....	.15	.35	1.25

KOHL RABI.

Early Purple Vienna.....	.20	.60	2.00
Early White Vienna.....	.15	.50	1.75

LEEK.

Musselburg .....	.15	.40	.125
Large American Flag.....	.10	.25	.80
Monstrous Carenton.....	.10	.40	1.25

LETTUCE.

We carry a large stock of the best varieties of Lettuce for forcing and we recommend the first five varieties to those who force in greenhouses and hotbeds as being particularly desirable for that purpose as well as for field use.

Black Seeded Simpson.....	.10	.25	.80
Grand Rapids.....	.10	.25	.80
Tilton's White Star.....	.10	.25	.80
Black Seeded Tennis Ball.....	.10	.25	.80
St. Louis Head.....	.10	.25	.80
Early Curled Simpson.....	.10	.25	.80
Hanson.....	.10	.25	.80
Prize Head.....	.10	.25	.80
White Seeded Tennis Ball..	.10	.25	.80
Denver Market.....	.10	.25	.80
Salamander.....	.10	.25	.80
Yellow Seeded Butter.....	.10	.25	.80
Trianon Cos.....	.10	.25	.80
Giant White Cos.....	.10	.25	.80
Big Boston.....	.10	.25	.80
California Cream Butter....	.10	.25	.80

MUSK MELON.

Green Nutmeg.....	.15	.50
Netted Gem.....	.20	.60
Osage.....	.20	.60
Strawberry.....	.20	.75
Long Island Beauty.....	.15	.50
Montreal Market.....	.15	.50
Chicago Market.....	.15	.50
Christiana .....	.15	.50
Extra Early Hackensack.....	.15	.50
Large Yellow Cantelope.....	.15	.50
Emerald Gem.....	.20	.60
New Champion Market.....	.15	.50
Rocky Ford.....	.20	.75
Surprise.....	.15	.50
Tip Top.....	.15	.50

WATERMELON.

	Per ¼ lb.	Per lb.
Triumph	\$0.25	\$0.90
Phinney's Early.....	.15	.40
Georgia Rattlesnake.....	.15	.40
Peerless .....	.15	.40
Dark Icing.....	.15	.40
Mountain Sweet.....	.15	.40
Citron.....	.20	.60
Cuban Queen.....	.15	.40
Kolb's Gem.....	.15	.40
Dixie.....	.15	.40
Light Icing.....	.15	.40
Pride of Georgia.....	.15	.40
Cole's Early.....	.15	.40
Hoosier King.....	.15	.40
Sweetheart .....	.15	.40
Hungarian Honey.....	.15	.40

MUSHROOM SPAWN.

English Per lb. 10c. 25 lbs., \$2.00 100 lbs. \$7.00

OKRA.

	Per oz.	Per ¼ lb.	Per lb.
Improved Dwarf.....	\$0.07	\$0.15	\$0.50
White Velvet.....	.07	.15	.50

ONION.

Extra Early Red Flat.....	.15	.35	1.35
The best for early market and a good keeper. Use this for your Bunching sort.			
Early Red Globe.....	.20	.60	2.00
Yellow Danvers.....	.15	.35	1.10
Barnard's Selected Yellow Globe	.15	.40	1.35
Selected for its large size, round form, thin silky skin and splendid keeping qualities. The best of all yellow onions for the winter or spring markets. 5 lbs. at rate of \$1.25 per lb.			
Yellow Globe Danvers.....	.15	.40	1.25
Yellow Dutch or Strasburg..	.15	.40	1.35
Southport Yellow Globe....	.15	.40	1.35
Prize Taker .....	.10	.35	1.25
Michigan Yellow Globe....	.15	.40	1.30
Large Red Wethersfield.....	.10	.35	1.25
A large, flat onion of good quality and a favorite with Chicago gardeners.			
Large Red Globe.....	.20	.55	2.00
For Onion Seed in 5 lb. lots, deduct 10c. per lb.			

If wanted by mail, add 8 cents a pound. Peas, Beans and Corn, 15 cents a quart extra.

ONION--Continued.

	Per oz.	Per ¼ lb.	Per lb.
Large White Globe.....	\$0.20	\$0.60	\$2.25
White Portugal or Silverskin ..	.20	.60	2 25
New Queen.....	.15	.50	2.00
Barletta .....	.15	.50	2.00

ONION SETS.

	Per qt.	Per pk.
White Bottom.....	\$0.20	\$0.75
Red Bottom.....	.20	.75
Yellow Bottom.....	.15	.50
English Multiplier.....	.15	.65
White Multiplier.....	.20	.70
Top Onion, Yellow.....	.20	.75
Top Onion, White.....	.25	.90
Perennial or Winter.....	.15	.55

PARSLEY.

	Per oz.	Per ¼ lb.	Per lb.
Champion Moss Curled.....	\$0.05	\$0 15	\$0.50
Double Curled.....	.05	.15	.50
Hamburg .....	.05	.15	.50
Plain.....	.05	.15	.50

PARSNIP.

	Per oz.	Per ¼ lb.	Per lb.
Guernsey .....	.05	.15	.35
Magnum Bonum.....	.05	.15	.30
A hollow crowned sweet and smooth variety. Its large shoulder and short tap root should make it a leader.			
Hollow Crown.....	.05	.15	.30

PEAS (EARLY VARIETIES)

	Per qt.	Per pk.	Per bu.
Barnard's Leader.....	\$0.25	\$0.90	\$3.25
Alaska .....	.20	1 00	3.75
First and Best.....	.20	.80	3.00
Extra Early.....	.20	.80	3.00
Dwarf Blue Peter.....	.25	1.00	3.75
Tom Thumb.....	.20	1.00	4.00
Nott's Excelsior.....	.25	1.25	5 00
American Wonder.....	.25	1.15	4.25
McLean's Little Gem.....	.25	1.00	4 00
Premium Gem.....	.25	1.00	4.00
Gradus or Prosperity .....	.50	2.50	

MAIN CROP VARIETIES.

	Per qt.	Per pk.	Per bu.
Sharpes' Queen.....	.20	1.00	3.75
Improved Stratagem .....	.20	1.15	4.25
Telephone.....	.25	1.00	4.00
Pride of Market.....	.20	1.25	5.00
Advancer .....	.20	.85	3.25
Champion of England .....	.20	.80	3.00
Yorkshire Hero .....	.20	1.00	3.75
Abundance.....	.20	1.00	3.75
Everbearing .....	.20	1.00	3.75

MAIN CROP VARIETIES--Continued.

	Per qt.	Per pk.	Per bu.
Dwarf Telephone.....	\$0.25	\$1.25	
Shropshire Hero.....	.20	1.00	3.75
Heroine .....	.20	1.00	3.75
Long Island Mammoth.....	.25	1.00	4.00
Royal Dwarf White Marrowfat ..	.15	.60	2.25
Black Eyed Marrowfat.....	.15	.60	2.25

PEPPER.

	Per oz.	Per ¼ lb.	Per lb.
Large Bell or Bull Nose.....	\$0.15	\$0.55	\$2.00
Sweet Mountain .....	.15	.55	2.00
Cayenne .....	.15	.55	2.00
Golden Dawn.....	.20	.60	2.25
Ruby King .....	.20	.60	2.25
Red Cherry .....	.20	.60	2.25

PUMPKIN.

	Per qt.	Per pk.	Per bu.
Tennessee or Sweet Potato.....	.15	.50	
Sweet or Sugar.....	.15	.50	
Large Cheese.....	.15	.50	
Mammoth Tours.....	.20	.75	
Connecticut Field.....	.10	.20	
Japanese .....	.15	.50	

RADISH.

	Per oz.	Per ¼ lb.	Per lb.
Earliest Carmine Olive.....	\$0.05	\$0.15	\$0.50
Scarlet Globe.....	.05	.15	.50
Ne Plus Ultra.....	.05	.15	.50
Extra Early Scarlet Turnip, Forcing.....	.05	.15	.50
Scarlet Turnip, White Tip, Forcing .....	.05	.15	.50
Scarlet Turnip, White Tip..	.05	.15	.45
Rosy Gem.....	.05	.15	.45
Scarlet Turnip.....	.05	.15	.35
Rose Olive.....	.05	.15	.50
Early Round Dark Red.....	.05	.15	.50
French Breakfast.....	.05	.15	.45
Half Long Deep Scarlet.....	.05	.15	.40
Early White Turnip.....	.05	.15	.45
Early Yellow Turnip.....	.05	.15	.50
Wood's Early Frame.....	.05	.15	.50
Philadelphia White Box....	.05	.15	.45
Brightest Long Scarlet.....	.05	.15	.50
Long Scarlet, Short Top....	.05	.15	.45
Chartiers.....	.05	.15	.45
White Strasburg.....	.05	.15	.50
Long White Vienna.....	.05	.15	.50
White Stuttgart.....	.05	.15	.50
Long Black Spanish.....	.05	.15	.50
Round Black Spanish.....	.05	.15	.50
Chinese Rose (Winter).....	.05	.15	.50
Chinese White (Winter)....	.05	.15	.50

If wanted by mail, add 8 cents a pound. Peas, Beans, and Corn, 15 cents a quart extra.

SALSIFY.

	Per oz.	Per ¼ lb.	Per lb.
Mammoth Sandwich Island.....	\$0.10	\$0.30	\$1.10

SQUASH.

The Sibley.....	.05	.15	.40
Giant Summer Golden Crookneck	.05	.15	.40
Summer Golden Crookneck..	.05	.15	.40
Fordhook .....	.10	.25	.85
White Bush Scallop.....	.05	.15	.40
Golden Custard.....	.10	.20	.60
Silver Custard.....	.10	.20	.60
Yellow Bush Scallop.....	.05	.15	.40
Hubbard.....	.05	.15	.50
Boston Marrow.....	.05	.15	.40
Chicago Orange Marrow.....	.05	.15	.40
Essex Hybrid.....	.05	.15	.40
Mammoth Chili.....	.10	.35	1.25
Perfect Gem.....	.05	.15	.40
Warted Hubbard.....	.10	.20	.70
Golden Hubbard.....	.10	.25	.85

SPINACH.

Giant Thick Leaf, Round....			.20
Bloomsdale.....			.20
Prickly or Winter.....			.20
Long Standing.....			.20
Victoria .....			.20

TOMATO.

Fordhook First.....	.20	.50	1.75
Crimson Cushion.....	.30	1.00	4.00
Atlantic Prize.....	.15	.50	1.60
Stone .....	.15	.50	1.60
Dwarf Champion.....	.15	.50	1.60
Livingston's Beauty.....	.15	.50	1.60
Perfection.....	.15	.40	1.40
Golden Queen.....	.20	.50	1.85
Acme.....	.20	.50	1.60

An improved type not being affected with dry rot and of good color, shape and substance.

Paragon.....	.15	.40	1.40
Ponderosa.....	.25	.75	3.00
Royal Red.....	.15	.50	1.75
Yellow Plum or Pear.....	.20	.55	2.00

TURNIP.

Purple Top Strap Leaf.....	.05	.15	.30
Purple Top White Globe.....	.05	.15	.30
White Strap Leaf.....	.05	.15	.35
White Flat Dutch.....	.05	.15	.35
Early Snowball or Six Weeks	.05	.15	.40

TURNIP--Continued.

	Per oz.	Per ¼ lb.	Per lb.
White Egg.....	\$0.05	\$0.15	\$0.40
White Globe.....	.05	.15	.40
White Flat Norfolk.....	.05	.15	.40
Yellow Scotch or Aberdeen..	.05	.15	.40
Purple Top Milan.....	.10	.20	.60

TURNIP (RUTABAGA OR SWEDE).

Skirving's Purple Top.....	.05	.10	.30
White Swede or Russian....	.05	.10	.30
Laing's Purple Top.....	.05	.10	.30
American Purple Top.....	.05	.10	.30

HERBS.

	Per pkt.	Per oz.
Anise	\$0.05	\$0.10
Balm .....	.05	.20
Basil, Sweet.....	.05	.10
Borage.....	.05	.10
Caraway .....	.05	.10
Coriander.....	.05	.10
Dill.....	1 lb. \$0.50	.05
Fennel, Sweet.....	.05	.15
Hop Seed.....	.05	.15
Horehound.....	.05	.15
Hyssop.....	.05	.30
Saffron.....	.05	.15
Lavender.....	.05	.15
Marjoram, Sweet.....	.05	.10
Rosemary.....	.05	.25
Sage.....	1 lb. \$1.50	.05
Summer Savory.....	1 lb. \$0.50	.05
Tansy.....	.05	.30
Thyme.....	.05	.25
Wormwood.....	.05	.50

NEW MODEL SEED DRILL.

Drills of similar construction are usually provided with a series of holes of varying sizes through which the seed is passed. The operator is usually told, in substance, that, "If one hole don't suit, try another." This adjustment in the Model is accomplished in a very simple and effective manner by use of a slide with a pear-shaped opening passing under the bottom of seed reservoir, which

is provided with a perforation of similar shape, in a reversed position. This slide can be instantly adjusted to size indicated by index, or to a hair's breadth variation between, a vital point in a perfect seed drill. This index or indicator is plain, convenient and reliable. It is placed in open sight, immediately under the eye of the operator, and can be quickly adjusted to the slightest variation desired. As the names of the principal seeds are plainly shown on the index itself, it is not necessary to refer to any table of reference. Price \$7.50.

One of the best seeders on the market. The best value in material, durability and TRUE MERIT for its price. \$7.50

FERTILIZERS, INSECT AND FUNGUS REMEDIES.

We keep but one grade—the best. Our large sales enable us to offer at *lowest wholesale prices*. Prices subject to market changes. Special quotations will be made for large lots.

FERTILIZERS, ETC.

PULVERIZED SHEEP MANURE.

Highly recommended for all purposes for which a fertilizer is required. Its effect is immediate and lasting. It is clean to handle. For lawns, use at the rate of 500 lbs. per acre. For pot plants, mix one part sheep manure to six parts of soil. For use in the vegetable garden, spread over the surface and dig in. Being soluble, it readily makes a safe liquid manure (one pound to five gallons of water per day can safely be used). 2 lbs., 15c; 4 lbs., 25c; 10 lbs., 45c. Not prepaid. 100 lbs., \$1.25; 1,000 lbs., \$9.00.

FINE RAW BONE OR FLORISTS' BONE MEAL.

Guaranteed pure bone. It is ground fine and is an excellent top dressing for lawns, grass lands, farm and field crops, also for mixing with potting soil. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 70c; 50 lbs., \$1.25; 100 lbs., \$2.00; bag of 200 lbs., \$3.50.

PURE CRUSHED BONE.

Coarse ground. Used around fruit trees, grape vine borders and in the poultry yard. 50 lbs., \$1.75; 100 lbs., \$3.00.

BONE AND BLOOD.

Just the thing where a high nitrogenous fertilizer is required. Its effects are prolonged and lasting. For seed beds and garden plots of cabbage, lettuce, beets, onion, celery, spinach, apply broadcast at the rate of one or two tons per acre. When used in rows or in hills for cabbage, celery or early corn, one to two hundred pounds per acre will be sufficient. 100 lbs., \$1.50; per ton, \$24.00.

GARDEN VEGETABLE COMPOUND.

Where applied, vegetables ripen ten to fourteen days earlier, and the increased production is usually one-third to one-half larger than when it is not used. It is put up in bags of 100 to 200 pounds, odorless, clean to handle and reasonable in price. 50 lbs., \$1.50; 100 lbs., \$2.75; 200 lbs., \$4.50.

GARDEN CITY SUPER-PHOSPHATE.

This is a complete manure. Can we say more than this? The more inquiries you make and the more you investigate this fertilizer, the more readily you will use it. Use 200 or 300 pounds per acre. 100 lbs., \$2.00; 200 lbs., \$3.50.

CELERY GROWER.

A new, carefully prepared manure, especially adapted for celery growing. It is chemically suited to this crop, which demands high manuring. 50 lbs., \$1.25; 100 lbs., \$2.00; 200 lbs., \$3.50.

CHICAGO LAWN FERTILIZER.

10 lbs., 35c; 25 lbs., 75c; 50 lbs., \$1.50; 100 lbs., \$2.75.

JADOO—Fibre.

A New Potting Material in which Every Plant Thrives without Earth.

It is cleaner than earth, half as light, is spongy and requires watering only half as often. Worms cannot exist in it—no soil to mix—no manure required. Seeds germinate in it more quickly than in earth. Price, by freight or express, not prepaid, 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.10. Bag (about 120 lbs.), \$3.60.

JADOO—Liquid.

Revives drooping plants, strengthens the weak and nourishes the strong; above all, it gives health, increases the size, causes greater profusion of bloom and heightens the color of both foliage and flowers. Can be used on plants grown in Fibre, and for watering plants grown in earth it is the *cheapest of all fertilizers*. Add forty-eight parts of water to one part of Jadoo liquid. Mix and use. Price, by freight or express, not prepaid: Pint bottle, 25c; case of 24 pints, \$3.50; 2 gals. in jacketed can, \$1.50; 5 gals. in jacketed can, \$3.75.

FERTILIZERS.—Continued.

FLORISTS' PLANT FOOD.

An application of this plant food will be observed in the vigorous growth of the flowers and a deep green foliage. 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$4.00.

BOWKER'S PLANT FOOD.

For all pot plants. Clean, odorless, effective. Directions for use with each box. Two sizes, each, 15c and 25c. By mail, each, 25c and 40c. Small, doz., \$1.15. Large, doz., \$2.15.

Nitrate of Soda. 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.50.

Peruvian Guano. Guaranteed pure. 5 lbs., 40c; 10 lbs., 70c; 50 lbs., \$2.75; 100 lbs., \$5.00. Prices will be quoted on larger lots.

Land Plaster or Gypsum. Bbl. (about 350 lbs.), \$2.00; 5 bbls. for \$9.00. Write for price in large quantity.

INSECTICIDES, FUNGICIDES, ETC.

SLUG SHOT.

One of the cheapest and most popular insecticides. It kills potato bugs, currant, gooseberry and cabbage worms, melon, squash and cucumber bugs—in fact, every pest known to the gardener. Contains nothing in the least injurious. 5 lb. package, 30c; 10 lb. package, 50c; bbl. (225-260 lbs.), 4c per lb. Tin canisters, with finely perforated top for dusting (filled), 25c each; by mail, prepaid, 40c.

PEROXIDES OF SILICATES.

A sure protection against the ravages of all Insect Pests that destroy the growing crops. When mixed with the Fertilizer it will destroy all grubs and worms in the soil. It kills the Colorado beetle or potato bug, the cabbage worm, etc. *Absolutely safe*. No danger of poisoning your stock. Price: 5 lbs., 30c; 10 lbs., 50c; 100 lbs., \$4.50; bbl. (225-260 lbs.), 4c per lb.

Hellebore Powder. Kills currant worms, rose slugs, etc. 1/2 lb., 30c; lb., 50c postpaid. Not prepaid, lb., 30c; 5 lbs. for \$1.00.

INSECT POWDER, Dalmatian or Persian. Destroys ants, fleas and all noxious insects. 1/4 lb., 25c; 1/2 lb., 40c; lb., 75c; not prepaid. (Postage, 16c per lb. extra.)

Paris Green. Pure stock. 1/4 lb., 15c; 1/2 lb., 25c; lb., 40c. (By mail, add 16c per lb. for postage.)

Tobacco Dust. Cheaper than snuff. A sure remedy for green fly. 1 lb., 10c (by mail, 25c); 5 lbs., 25c; 100 lbs., \$2.00, not prepaid.

Tobacco Stems. For fumigating greenhouses, etc. Good to mulch Rose and Lettuce beds. An excellent fertilizer and protector to the lawn in winter. 10 lbs., 50c; bbl., \$1.00; bale of about 250 to 400 lbs., 1c per lb.

Tobacco Extract, Rose Leaf. A positive remedy for insects in greenhouse and conservatories. Used in various ways. Directions on package. Pint, 30c; qt., 50c. Gal., \$1.50; 5 gals., \$5.00.

Whale Oil Soap. Pure, fresh. Kills insects and their eggs; good wash for fruit trees. Dissolve 1 lb. in five gallons of water, apply with a syringe or force pump. 2 lbs., 25c; 5 lbs., 50c; not prepaid. Postage required, 16c per lb.

Tobacco Soap. Most effective in cleansing plants and trees infested with red spider, oleander bugs (scale) and rose slugs. Box, sufficient to make 5 gals. of wash, 25c. By mail, 35c.

Nicoteen. A Liquid Insecticide. One of the most powerful and satis factory in use. It is much more preferable than the crude tobacco extracts usually sold. Pint, \$1.50.

REMEDIES FOR MILDEW, ETC.

Bordeaux Mixture. For black rot, mildew of grapes, potato rot, leafblight of cherry, pear and other trees, etc. 1 quart can (will make 35 gallons liquid) 35c. Doz., \$2.25.

Copperdine. Prevents rust on carnation plants, mildew, black rot, etc. Dilute 1 pint to ten gallons of water. Apply with sprayer. Price, one gallon, \$1.50.

Flour of Sulphur. For destruction of mildew on roses, etc. Blow it over the plants with a sulphur bellows. Lb. 10c; 10 lbs., 60c; 25 lbs., \$1.25; 50 lbs., \$2.00.

Grape Dust. Preparation for destroying mildew, mold or rust either in greenhouse or open air. 5 lb. package, 35c.

For Bellows and Powder Gun to apply above, see page

HARDWOOD UNLEACHED ASHES.


An excellent fertilizer containing all elements except Nitrogen. Per bbl., \$2.75.

TOOLS AND IMPLEMENTS.

TOOLS AND IMPLEMENTS.

The Genuine Matthews Seed Drills, Single and Combined; Hand Cultivators and Wheel Hoes.

The Best Line of Implements for Planting and Cultivating Vegetable Crops to be found in America.

 We deliver to any Depot or Express Office in Chicago at prices given here.

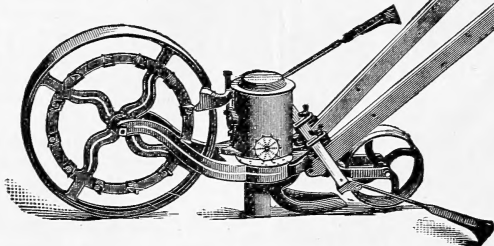
Matthews New Universal Drill.

THE STANDARD DRILL OF AMERICA.

It works on the agitator principle, which is certain in its action, and much preferable to any other method in dropping the seed, and besides there is nothing liable to get out of order or bind in the operation.

It opens the furrow, drops and covers the seed, rolls down the earth over it and marks the next row, all by simply pushing the drill forward. It sows with evenness and rapidly Peas, Beans, Broom Corn, Onion, Beet, Carrot, Parsnip, Sage, &c.

Complete Catalogue of
Matthews Hand
.....GARDEN TOOLS.....
Free on Application.



It is provided with an indicator having the names of different seeds thereon. Before planting turn the indicator around until the name of the

seed to be sown comes to the pin at the top. The index is right under your eye while the hopper is easily watched. The flow of seed can be instantly shut off by means of the attachment shown on the handle.

Beware of cheap imitations of this Drill. None genuine but those having the Patent Indicator,

Price, boxed, \$6.50

MATTHEWS GARDEN GEM DRILL.

This machine operates almost identically the same as the regular Matthews Garden Drill, but is smaller pattern. It will sow with equal accuracy most seed as perfectly as the most expensive drill, but is not large enough for the coarser seed like beans, peas and corn. It is just the thing for people with a small garden where fine seeds such as turnips, onions, carrots, etc., only, are planted. It will make the furrow, drop and cover the seed and mark the next row as perfectly as any machine. It is low priced, works like a charm and does its work thoroughly and well. This drill does not have the new seed cut-off.

Price, boxed, \$5.00

MATTHEWS "HILL AND DRILL" SEEDER.

The implement is the same in style and working qualities as the Garden Drill just described, but it is arranged so as to drop the seed either continuously in drill, or at distances of 4, 6, 8, 12, 16, 24 and 48 inches apart. The adjustment from drills to hills is made by one screw. The distance apart is regulated by the number of cogs on the Driving Wheel against which the agitator strikes. The seed cannot drop except when the hole in bottom of Seed Box is opened. This saves seed, as no more can be dropped at a time than is desired, no matter what the distance may be. If this implement is wanted, be sure and order the "Hill and Drill Seeder," as the regular garden drill cannot be fitted with the attachments. Price, boxed \$7.50

MATTHEWS COMBINED DRILL, CULTIVATOR, PLOW, RAKE AND DOUBLE WHEEL HOE.

Six Machines in One.

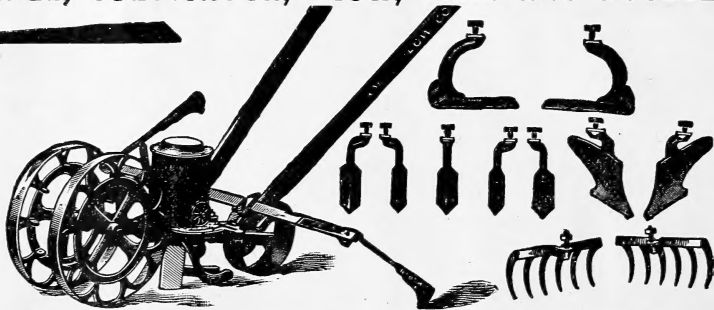
PRICE, BOXED,
only \$8.50

This illustration shows the Combination Implement as a Double Wheel Seeder—also the attachments. It is not only a desirable combination of the Garden Drill already described, with the New Universal Cultivating Attachments, but it has the advantage of being either a Double Wheel or Single Wheel implement at will, the change from the one to the other being readily made.

The two wheels are desirable, however, when used as a cultivator or wheel hoe, as in this way the rows of young plants may be straddled, and the cultivating done on both sides of the row at one passing. An especial feature of this implement is that when used in straddle row cultivation there is no projection below the frame to interfere with plants. The seeding and covering attachments can be readily removed when the implement is used for cultivating. It is not necessary to remove the seed box, but it can be taken off if desired, and the frame left without any unnecessary encumbrance. There are three adjustments for regulating depth when used as a Cultivator and five when used as a Seeder.

The combination is one which cannot fail of recommending itself to all. The attachments are: 1 pair Hoes, 5 Cultivator teeth, 1 pair Rakes, and 1 pair Plows.

Remember, this is the only Combination Implement made that can be used either as a Seeder or as a Cultivator, with One or Two Wheels as desired. It is a perfect combination.

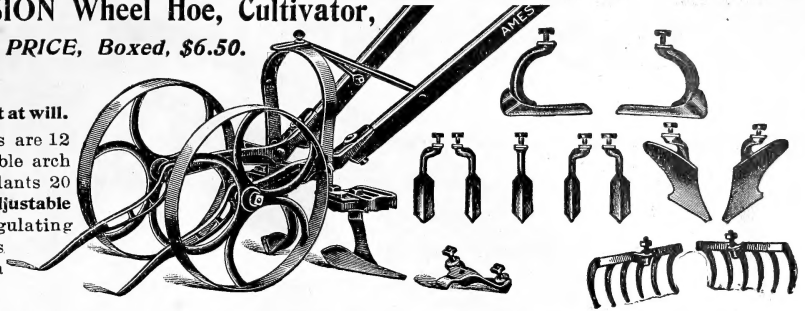


TOOLS AND IMPLEMENTS.

New Universal EXPANSION Wheel Hoe, Cultivator, Rake and Plow. *PRICE, Boxed, \$6.50.* HIGH ARCH.

A Double or Single Wheel Implement at will.

In this new implement the wheels are 12 inches in diameter and the adjustable arch is high enough to cultivate over plants 20 inches or more in height. The **Adjustable Arch** also affords means for regulating depth and for setting pitch. This implement can be used either by a man or a boy.

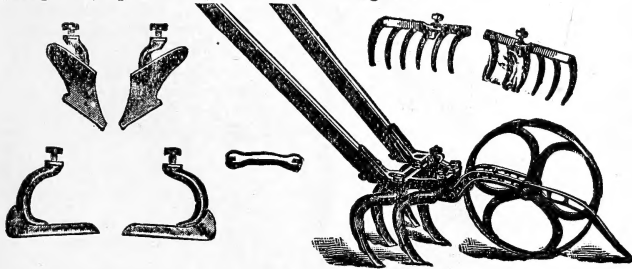


The attachments are: 1 pair long bladed hoes, 1 pair short bladed hoes, 1 pair narrow cultivators, 1 pair wide cultivators, 1 center cultivator, 1 pair plows, 1 pair rakes, 1 pair vine guards, 1 center tooth holder.

New Universal Single Wheel Hoe, Cultivator, Rake and Plow.

Price, boxed, with all attachments, \$4.50.

This is an improvement over other tools of this type. It can be used either between or astride the rows, although it is really intended for between row cultivation. For straddle cultivation the wheel can be set to one side so as to bring the row of young plants under center of frame. The adjustment for graduating the depth of cultivation is unique and readily accomplished. The attachments are: 1 pair hoes, 5 cultivator teeth, 1 pair plows, 1 pair rakes, and 1 vine or leaf guard.



New Universal No. 2 Single Wheel Hoe, Cultivator and Plow.

This implement is the same as the regular Single Wheel Hoe, except that the attachments are 1 pair hoes, 3 cultivator teeth, 1 large plow. Price, **\$4.00**. If this machine is wanted, be sure to mention No. 2.

New Universal Double Wheel Hoe, Cultivator, Rake and Plow.

Price, boxed, \$5.25.

Specially designed for working both sides of the row at one passing. This new hand implement embraces all the good points of older efforts in the same line, and in addition offers new features which cannot fail of appreciation. The special recommendation is the **Adjustable Arch**, by which not only the depth of work can be gauged, but which, by an ingenious device, enables the teeth to be pitched at any angle desired. The attachments are: 1 pair hoes, 4 cultivator teeth, 1 pair plows, 1 pair rakes, and 1 pair vine guards.

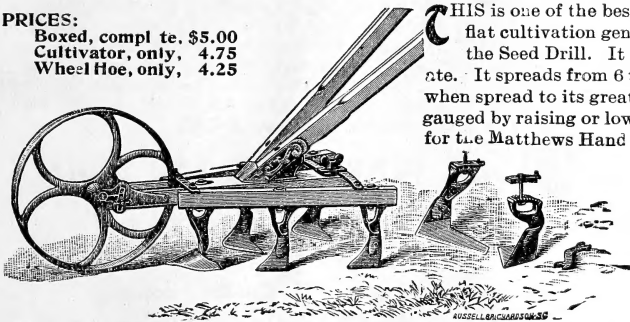
New Universal Double Wheel Hoe.

WITH ONE PAIR OF HOES ONLY. The same machine as the New Universal Double Wheel Hoe, rakes, plows, cultivator teeth and leaf guards omitted. Price, boxed, **\$3.50**.

MATTHEWS HAND CULTIVATOR AND WHEEL HOE.

PRICES:

Boxed, complete, **\$5.00**
Cultivator, only, **4.75**
Wheel Hoe, only, **4.25**



THIS is one of the best implements in use for weeding between row crops, and flat cultivation generally, and is an indispensable companion implement to the Seed Drill. It is thoroughly constructed, very durable, and easy to operate. It spreads from 6 to 14 inches, and will cut all the ground covered, even when spread to its greatest extent. The depth of cultivation may be accurately gauged by raising or lowering the wheel, which is quickly done. We can furnish for the Matthews Hand Cultivator, if desired, a pair of superior style hoes, with long steel blades, for use in exchange with the cultivator teeth, which are easily and quickly adjusted, or we can furnish implement with hoe blades, and without cultivator teeth, if desired.

New Universal Hand Wheel Plow.

THIS little labor-saving implement is one that commends itself to all gardeners. It can be used to prepare the ground, to furrow out, to cover and to cultivate. The mould-board is of steel, polished and tempered. Price, boxed, **\$2.00**.

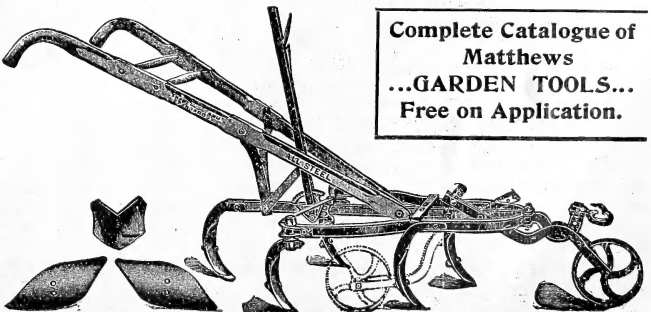
New Universal Harrow Cultivator,

WITH 14 TEETH.

For close working among small plants where it is not desired to throw the dirt but simply to loosen and pulverize it. The teeth are adjustable, either side up, both straight and slanting, thus combining several implements. Price, **\$7.00** f. o. b. cars, Chicago.

New Universal "Excel" Horse Hoe and Cultivator.

This last addition to these famous Tools we can recommend as strictly first-class in every way and the equal of any implement in the market. Price, **\$8.50**.



**Complete Catalogue of
Matthews
...GARDEN TOOLS...
Free on Application.**

Planet Jr. Farm and Garden Tools.

Space will not permit illustrating and describing all of the Planet Jr. Tools, but we will gladly send a fully illustrated catalogue to any who desire it; and we can supply promptly anything ordered. Planet Jr. goods are standard machines—the best. Combine your seed and tool orders and save freight.

Planet Jr. Seed Drill No. 2.

The seed-sowing device of this machine is extremely simple. The discharge openings are diamond shape and may be regulated to suit any kind of seed or thickness of sowing. It is perfectly adjustable, will sow at any depth, in any quantity, will roll light or heavy, and in every respect works to perfection. Price..... \$7.75

Hill and Drill Seeder and Cultivator Combined No. 4.

This machine sows in continuous rows, or drops with the greatest accuracy in hills, 6, 12, 24 or 36 inches apart. For use as a cultivator and drill, parts are entirely removed, leaving it a perfect wheel hoe. Price complete, \$12.00; drill only..... \$8.50

Combined Drill, Seeder, Wheel Hoe, Cultivator, Rake and Plow No. 1.

Does the same work as the No. 2 Drill, with the added advantage of being a first-class wheel hoe, cultivator and garden rake. It is without an equal in variety of tools, strength, lightness and ease of adjustment. Price..... \$10.50

Planet Jr. Double Wheel Hoe, Cultivator Rake and Plow No. 11.

This tool is adapted to almost every kind of work. It is invaluable for market garden crops and for fine cultivation generally. Price complete, \$9.50; price No. 12, with fewer attachments..... \$7.50

Planet Jr. Double Wheel Hoe—Plain.

This is the same as the complete machine, except that it is furnished with a pair of hoes only. It is well adapted to the requirements of those who have but little work to do, and is offered at a very reasonable price..... \$4.75

Planet Jr. Single Wheel Hoe, Cultivator Rake and Plow No. 16.

This single-wheel hoe is preferred by some. They are considerably lighter than the double, but do nearly the same variety of work. This machine has hoes, cultivators, rakes and plow, and is capable of a great variety of combinations. Price..... \$8.00

Planet Jr. Single Wheel Hoe No. 17.

This machine is much the same as No. 16, with the exception that the rakes are omitted. Price..... \$4.75

The set of three cultivator teeth work easily and do invaluable service in deep culture when the crop is well grown.

Planet Jr. Horse Hoe No. 8.

With all attachments, expanding lever; thoroughly first class in every particular. Price..... \$10.00

The amount of work that can be done by one of these tools, is remarkable. The slanting round edge, as shown, may be run as close to the plants as to almost touch them without danger to the roots. The rear shovel throws the earth back to the row. One of the new features of this machine is the *Patent Depth Regulator* carried in the center of the tool. It works and sets at any depth simultaneously with the wheel lever. With this the tool runs more steadily and depth may be gauged instantly without stopping.

Planet Jr. 12-Toothed Harrow Cultivator and Pulverizer.

Because of adaptability for thorough, fine work in narrow rows without throwing earth on small plants, it is much valued by market gardeners and farmers. Price, plain, \$6.50; complete..... \$10.00

PLANET JR. No. 4

Combined Hill and Drill Seeder.

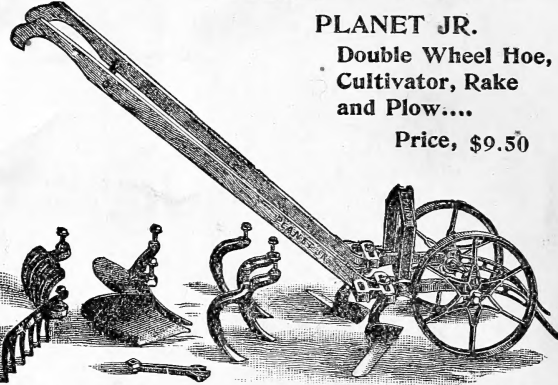
Price, \$12.00



PLANET JR.

Double Wheel Hoe, Cultivator, Rake and Plow....

Price, \$9.50



"PLANET JR." No. 17

Single Wheel Hoe, Cultivator and Plow.

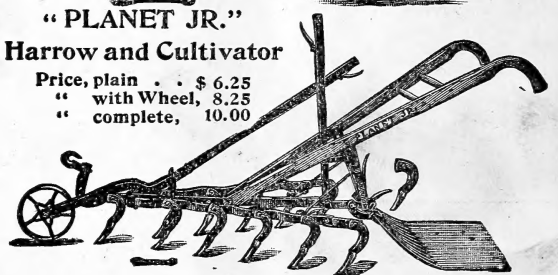
Price, \$4.75



"PLANET JR."

Harrow and Cultivator

Price, plain . . . \$ 6.25
" with Wheel, 8.25
" complete, 10.00



"PLANET JR." No. 8 Horse Hoe

Price, . . . \$10.00

